

**INFORMATION DISCLOSURE
CITATION FORM FOR
PATENT APPLICATION
(FORM PTO-1449)
(Substitute)**

Docket No.: 313-006.003

Serial No.: 10/826,820

Applicant(s): Francis J. Maguire, Jr.

Filing Date: April 16, 2004

Group: 2674

U.S. PATENTS

Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date
<i>km</i>	4,582,403	4/15/86	Weinblatt	351	210	3/5/84
<i>km</i>	5,305,012	4/19/94	Faris	345	7	4/15/92

U.S. PATENT PUBLICATIONS

Initials	Publication No.	Pub. Date	Name	Class	Sub-class	Filing Date

FOREIGN PATENT DOCUMENTS

Initials	Document Number	Date	Country	Name	Translation? Yes/No/n/a

OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)

<i>km</i>	"Spatially Dynamic Calibration of an Eye-Tracking System", White et al., IEEE Transactions on Systems, Man, and Cybernetics, Vol. 23, No. 4, July/August 1993, pages 1162-1168.				
<i>km</i>	"Human-Computer Interaction Using Eye-Gaze Input", Hutchinson et al., IEEE Transactions on Systems, Man, and Cybernetics, Vol. 19, No. 6, November/December 1989, pages 1527-1534.				
<i>km</i>	"Eye Monitor: Microcomputer-Based Instrument Uses an Internal Mode to Track the Eye", Myers et al., IEEE 1991, COMPUTER, publication date March 1991, pages 14-21, Vol. 24, Issue 3.				

Examiner's Signature: *Xiao wu*

Date Considered: 9-16-04

Initial if reference was considered, whether or not citation is in conformance with MPEP. Mark through citation if not considered.
Include a copy of this citation form with your next correspondence to the Applicant(s).

Customer No.: 4955

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/826,820
Filing Date	April 16, 2004
First Named Inventor	Francis J. Maguire
Art Unit	2674
Examiner Name	XIAO WU
Attorney Docket Number	313-006.003

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
XIAO		US- 3,869,694	3/1975	Merchant et al.	
		US- 4,048,653	9/1977	Spooner	
		US- 4,303,394	12/1981	Berke et al.	
		US- 4,348,186	9/1982	Harvey et al.	
		US- 4,446,480	5/1984	Breglia et al.	
		US- 4,843,568	6/1989	Krueger et al.	
		US- 4,984,179	1/1991	Waldern	
		US- 5,086,404	2/1992	Claussen	
		US- 5,130,794	7/1992	Ritchey	
		US- 5,311,879	5/1994	Yamada et al.	
		US- 5,345,944	9/1994	Hongo et al.	
		US- 5,388,990	2/1995	Beckman	
		US- 5,394,517	2/1995	Kalawsky	
		US- 5,400,069	3/1995	Braun et al.	
		US- 5,423,215	6/1995	Frankel	
XIAO		US- 5,455,654	10/1995	Suzuki	
		US- 5,615,132	3/1997	Horton et al.	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
XIAO		DE 3712287	9/1988			
XIAO		EP 0330147	8/1989			
XIAO		JP 3-292093	12/1991	with translation		

Examiner Signature	XIAO WU	Date Considered	9-16-04
-----------------------	---------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-766-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/826,820
		Filing Date	April 16, 2004
		First Named Inventor	Francis J. Maguire
		Art Unit	2674
		Examiner Name	XIAO WU
Sheet 2 of 3	Attorney Docket Number	313-006.003	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Xu		I.E. SUTHERLAND, "A head-mounted three dimensional display," Fall Joint Computer Conference, 1968, pp. 757-763.	
		T. CAUDELL et al., "Augmented Reality: An Application of Heads-Up Display Technology to Manual Manufacturing Processes," Proc.Hawaii Int'l Conference, Jan. 1992, pp. 659-669.	
		M. DEERING, "High Resolution Virtual Reality," Computer Graphics (Proc SIGGRAPH Conf.), vol. 26, No. 2, pp. 195-202, Jul. 1992.	
		M. GLEICHER et al., "Through-the-Lens Camera Control," Computer Graphics, SIGGRAPH '92, vol. 26, No. 2, pp. 331-340.	
		P. WELLNER, "Digital Desk," Communications of the ACM, vol. 36, No. 7, Jul. 1993, pp. 87-95.	
		D. DRASCIC et al., "ARGOS: A Display System for Augmenting Reality," INTERCHI '93, Apr. 24-29, 1993.	
		S. GOTTSCHALK, "Autocalibration for Virtual Environments Tracking Hardware," Computer Graphics Proc., Annual Conf., Aug. 1993, pp. 65-72.	
		M. BAJURA et al., "Merging Virtual Objects with the Real World: Seeing Ultrasound Imagery within the Patient," Computer Graphics, SIGGRAPH '92, Jul '92, v. 26, n 2, pp. 203-10	
		E.K. EDWARDS et al., "Video See-through Design for Merging of Real and Virtual Environments," IEEE Virtual Reality Int'l Symposium, Seattle WA, Sep.18-22, '93, pp. 223-233.	
Xu		S. FEINER et al., "Knowledge-Based Augmented Reality," Comm ACM, Jul. 1993, vol. 36, No. 7, pp. 53-62.	

Examiner Signature	XIAO WU	Date Considered	9-16-04
--------------------	---------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/826,820
		Filing Date	April 16, 2004
		First Named Inventor	Francis J. Maguire
		Art Unit	2674
		Examiner Name	XIAO WU
Sheet 3	of 3	Attorney Docket Number	313-006.003

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Ku		P. MILGRAM et al., "Applications of Augmented Reality for Human-Robot Communications," Proc. '93: IEEE Int'l Conf. Intelligent Robots and Sys., Yokohama, Jul.1993, pp.1467-72.	
		M.W. SIEGEL, "Image Focusing In Space and Time," Report No. CMU-RI-TR-88-2, February 1988, Carnegie Mellon University, pp. 1-11.	
		H. YAMAGUCHI et al., "Proposal for A Large Visual Field Display Employing Eye Movement Tracking," Proc. SPIE, vol. 1194, Philadelphia PA, 8-10 Nov 1989, pp. 13-20.	
		E.M. HOWLETT, "High-Resolution Inserts in Wide-Angle Head-Mounted Stereoscopic Displays," 12-13 Feb 1992, SPIE Vol.1669 Stereoscopic Displays and Applications III, pp.193-203.	
✓		GEIGER et al, "Stereo and Eye Movement," ARPA Report, MIT, January 1988	
Ku		Williams et al, "Eyetracking with the fiber optic helmet mounted display," Proc. 1987 Summer Computer Simulation Conf., pp 730-4	

Examiner Signature	XIAO WU	Date Considered	9-16-04
--------------------	---------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.